

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## REQUEST FOR FILING (RULE 53(b)(1))

FOR DESIGN OR UTILITY APPLICATIONS  
(DO NOT USE FOR CIPs)

MAR 2 6 2001

## Rule 53(b)(1) PATENT APPLICATION:

- ☐ Continuation )  
☒ Divisional ) application under 37 CFR 1.53(b)(1)  
 of pending prior application of

Group Art Unit: 3743

Inventor(s): SHIROTA, et al.

Examiner: John K. Ford

Parent Appl. No.: 09 531,531

Series Code □ Serial No. □

Atty. Dkt. P 276714 41069-USPD2C-JSJ/wh

New M# Client Ref

Parent Filed: March 21, 2000

This Appln. Filed: Herewith

Title: AUTOMOTIVE AIR CONDITIONER

Hon. Commissioner of Patents  
Washington, DC 20231Date: March 26, 2001  
(Parent Matter No. 0257718 )

Sir:

To effect the above-requested filing today:

**Attached** is a copy (**which must be filed**) of the prior application, including:

- ☒ Abstract  
☒ Specification and claims (62 pages) (**must be attached**)  
☒ Drawings (**must be attached if originally filed**): 37 sheet(s)/set: ☐ 1 set informal;  
☒ Formal of size ☒ A4 ☐ 11"

Always X one box, only:

- (1) ☒ Copy of Signed declaration or oath as originally filed in prior application attached  
 (2) ☐ NO declaration or fee is enclosed; therefore, this is a filing under Rule 53(f).

2. ☒ This application is hereby filed by less than all of the inventors named in the prior application. Petition is hereby made requesting deletion as inventor(s) of the following who is/are **not** inventor(s) of the invention being claimed in this application (**DELETE THE FOLLOWING INVENTOR(S)**):

- |                         |          |
|-------------------------|----------|
| 1. <u>Manabu MIYATA</u> | 2. _____ |
| 3. _____                | 4. _____ |
| 5. _____                | 6. _____ |
| 7. _____                | 8. _____ |

## 2.5 THE INVENTOR(S) FOR THIS NEW APPLICATION IS(ARE):

- |                            |                           |
|----------------------------|---------------------------|
| 1. <u>Yuichi SHIROTA</u>   | 2. <u>Hisashi TANAKA</u>  |
| 3. <u>Hiroshi NONOYAMA</u> | 4. <u>Kazushi SHIKATA</u> |
| 5. <u>Yukio UEMURA</u>     | 6. <u>Hikaru SUGI</u>     |
| 7. _____                   | 8. _____                  |

3. The entire disclosure of the prior application is considered as being part of the disclosure of the accompanying application and is hereby incorporated therein by reference thereto.

4. ☒ Priority is claimed under 35 U.S.C. 119/365 based on filing in Japan of \_\_\_\_\_ (country)

	Application No.	Filing Date		Application No.	Filing Date
(1)	6-227592	Sept. 22, 1994	(2)	6-240362	Oct. 4, 1994
(3)	7-220903	Aug. 29, 1995	(4)	7-235505	Sept. 13, 1995
(5)	7-270148	Oct. 30, 1995	(6)	7-281479	Oct. 30, 1995

a. ☐ (No.) Certified copy/copies attached.

b. ☒ Certified copy/copies previously filed on Sept. 21, 1995 and Feb. 18, 1997 In U.S. Application No. 08/531, 383 and 08/371,792, filed on Sept 21, 1998 and Oct. 18, 1996

c. ☐ Certified copy/copies filed during International stage of PCT/ \_\_\_\_\_ series code ↑ ↑ serial no. \_\_\_\_\_

- 4(a). (a) ☐ Domestic priority is claimed from \_\_\_\_/\_\_\_\_, filed \_\_\_\_/\_\_\_\_ PCT/ \_\_\_\_\_
- (b) ☐ Benefit is claimed of Provisional Application No. 60/\_\_\_\_, filed \_\_\_\_/\_\_\_\_.

5. ☒ Prior application is assigned to DENSO Corporation

by assignment recorded March 12, 1998 (Date) Reel 9039 Frame 0683

☒ Attached is the following number of Assignments (including original and all later successive ones by different assignors): 1 and respective **new** Cover Sheets. (Do **NOT** file old cover sheets.)

(Assignments in parent **must be refiled** with new Cover Sheets in this continuing application if you want it/them recorded against the continuing application.)

Please return the recorded Assignment to the undersigned.

☒ The power of attorney in the prior application is to G. Lloyd Knight, Reg. #17698 et al.

(Name and Reg. No.)  
whose current address is as in item 8 below.

a. ☐ Recognize as associate attorney \_\_\_\_\_

(Name, Reg. No. and Address)

8. **Address all future communications to Intellectual Property Group of Pillsbury Winthrop LLP, Ninth Floor, East Tower 1100 New York Avenue, N.W., Washington, D.C. 20005-3918**

9. This application claims benefit of the following prior US application(s), the contents of which are incorporated into this application by this reference:

No. <u>____/____</u>	filed <u>____/____</u>
No. <u>____/____</u>	filed <u>____/____</u>
No. <u>____/____</u>	filed <u>____/____</u>

- 9(a). ☐ See the attached Preliminary Amendment, which amends the first page of the specification to claim benefit of the above listed US application(s)

10. **Small Entity Status** → ☒ is **Not** claimed ☐ is claimed (**pre-filing confirmation required**)

(No.) Small Entity Statement(s) (**not** essential since 9/8/00) were/are:

☐ filed in above prior application

☐ attached.

11. Petition to extend the life of the above prior application to at least the date hereof  
(one box) ☐ is being concurrently filed in that prior application (Use Form PAT-111).  
(must be) ☐ was previously filed in that prior application (Check length of prior extension).  
(X'd) ☒ is not necessary for copendency (**Double check** before X'ing this box).

12. ☐ **INFORMATION DISCLOSURE STATEMENT:** Attached is Form PTO-1449 listing all of the documents cited by Applicant and the PTO in the parent application(s) relied upon under 35 USC 120 and referenced in item 9 above. Per Rule 98(d) copies of those documents are not required now. Please consider those documents and advise that they have been considered in this new application as by returning a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column per MPEP 609. .
13. ☐ Attached is a Rule 103(a) Petition to Suspend Action.
14. ☐ **PRELIMINARY AMENDMENT to be entered before fee calculation:** (Do not make amendments here except for correction of improper multiple dependencies or cancellation of whole claims or multiple dependencies for purpose of reducing the filing fee per MPEP §§ 506 and 607; do not cancel all claims).

## FILING FEE

THE FOLLOWING FILING FEE IS BASED ON

->->->CLAIMS AS FILED AND CHANGED BY PRELIMINARY AMENDMENT IN ITEM 14<-<-<-<-

**NOTE:** If box 1A2 is X'd, do not pay fees,  
But leave lines 15-22 and 27-32 blank.

PTO: PLEASE NOTE CLAIM CANCELLATIONS IF BOX 14 ABOVE IS X'D.

PLEASE NOTE CLAIM CANCELLATION FOR PAPER VERSIONS				Large/Small Entity		Fee Code
15. Basic Filing Fee			Design Application	\$320/\$160	+0	106/26
16. Basic Filing Fee			Utility Application	\$710/\$355	+710	101/201
17. Total Effective Claims	9	minus 20 =		x \$18/\$9	+0	103/203
18. Independent Claims	2	minus 3 =		x \$80/\$40	+0	102/202
19. If any proper multiple dependent claim (ignore improper) is present,				\$270/\$135	+0	104/204
20.				<b>Subtotal =</b>	<b>\$710</b>	
21. If "petition" box 13 above is X'd, add petition fee.				\$130	+0	122
21A. If box 6 above is X'd, add Assignment recording fee				\$ 40	+40	581
22.				<b>TOTAL FILING FEE ATTACHED =</b>	<b>\$750</b>	

23. ☒ ATTACHED: Form PTO-1449 listing the enclosed documents
24. ☐ Preliminary Amendment attached (to be entered after assigning Appln. No.)
25. ☐ See NONPUBLICATION REQUEST under Rule 213(a) attached (Pat-258)

26.

**ADDITIONAL FEE CALCULATION FOR  
PRELIMINARY AMENDMENT  
PER BOXES 24/25**

	Claims remaining after amendment	Highest number previously paid for	Present Extra	Additional Fee	File Code
			<u>Large/Small Entity</u>		
27.	Total Effective Claims *	minus ** 0	= 0 x \$18/\$9	= \$ 0	(103/203)
28.	Independent Claims *	minus *** 0	= 0 x \$80/\$40	= + 0	(102/202)
29.	If amendment enters proper multiple dependent claim(s) into this application for the first time, add (per application) . . . . . \$270/\$135			+ 0	(104/204)
30.			ADDITIONAL FEE	\$ 0	
31.			plus FEE from item 22 on page 3	+ 750	
32.			<b>TOTAL FEE ATTACHED</b>	<b>\$ 750</b>	

33. "If the entry in this space is less than an entry in the next space, the "Present Extra" result is "0"

34. "If the "Highest number previously paid for" (see item 17 above) is less than 20, write "20" in this space

35. If the "Highest number previously paid for" (see item 18 above) is less than 3, write "3" in this space



00909

Our Deposit Account No. 03-3975

Our Order No. 030954

0276714

C#

M#

**CHARGE STATEMENT:** Upon the filing of a Declaration pursuant to Rule 60(b) or 60(d), the Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficient fee only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown above for which purpose a duplicate copy of this sheet is attached.

**This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.**

**Pillsbury Winthrop LLP  
Intellectual Property Group**

By Atty: G. Lloyd Knight Reg. No. 17698

Sig:  Fax: (202) 822-0944  
Tel: (202) 861-3090

Atty./Sec GLK/tel

**NOTE No. 1:** File this Request in duplicate with 2 postcard receipts (PAT-103) & attachments

**NOTE No. 2:** Is extension in parent necessary for copendency? DOUBLE CHECK item 11 above.

If yes, printout Pat-111 and head it in parent.